

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jim Pruyne & Svend Frolund

Confirmation No.:

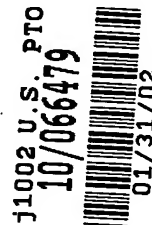
Application No.:

Examiner:

Filing Date: Jan. 30, 2002

Group Art Unit:

Title: METHOD AND SYSTEM FOR PROVIDING EXACTLY-ONCE SEMANTICS FOR  
WEB-BASED TRANSACTION PROCESSING



COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV074663758US

Date of Deposit Jan. 30, 2002

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By

Typed Name: Eric Ho

Respectfully submitted,

Jim Pruyne & Svend Frolund

By

Eric Ho

Attorney/Agent for Applicant(s)

Reg. No. 39,711

Date: Jan. 30, 2002

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10006791

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Jim Pruyn &amp; Svend Frolund

FILING DATE

Jan. 30, 2002

GROUP

11002 U.S. PTO  
10/06/02

01/30/02

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB<br>CLASS |
|---------------------|----|--------------------|------|------|-------|--------------|
|                     | 1A |                    |      |      |       |              |
|                     | 1B |                    |      |      |       |              |
|                     | 1C |                    |      |      |       |              |
|                     | 1D |                    |      |      |       |              |
|                     | 1E |                    |      |      |       |              |
|                     | 1F |                    |      |      |       |              |
|                     | 1G |                    |      |      |       |              |
|                     | 1H |                    |      |      |       |              |
|                     | 1I |                    |      |      |       |              |
|                     | 1J |                    |      |      |       |              |
|                     | 1K |                    |      |      |       |              |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB<br>CLASS | TRANSLATION |    |
|--|----|--------------------|------|------|-------|--------------|-------------|----|
|  |    |                    |      |      |       |              | YES         | NO |
|  | 1L |                    |      |      |       |              |             |    |
|  | 1M |                    |      |      |       |              |             |    |
|  | 1N |                    |      |      |       |              |             |    |
|  | 1O |                    |      |      |       |              |             |    |
|  | 1P |                    |      |      |       |              |             |    |

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

|    |  |
|----|--|
| 1Q | Svend Frolund & Rachid Guerraoui, "A Pragmatic Implementation of e-Transactions, IEEE symposium on Reliable Distributed Systems (SRDS), Nurnberg, Germany, October 2001. |
| 1R | M.C. Little and S.K. Shrivastava, "Java Transactions for the Internet," IEE Distributed Systems Engineering Journal, Volume 5, Number 4, December 1998, pp. 156-167.     |
| 1S |  |

EXAMINER

DATE CONSIDERED